

**HEATING ELEMENT INDUCTION OF TIME-VARYING THERMAL GRADIENT
IN ELONGATED BEAM TO CAUSE ONE OR MORE ELONGATED BEAM
OSCILLATIONS**

ABSTRACT

5 One or more heating elements comprise a heating element. One or more elongated beams comprise an elongated beam. The heating element is coupled with the elongated beam and induces a time-varying thermal gradient in the elongated beam to cause one or more oscillations of one or more of the one or more elongated beams.